

<b>FORM PTO-1449</b>  <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> I-2-0096.3US	<b>SERIAL NO.</b> Not Yet Known
	<b>APPLICANT</b> Lomp et al.	
	<b>FILING DATE</b> <del>Not Yet Known</del> 10/08/07	<b>GROUP</b> <del>Not Yet Known</del> 2636

1c971 U.S. PTO  
 10/084007  
 02/27/02

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	AA*	4	9	0	1	3	0	7	02/13/90	Gilhousen et al.	—	—	—
	AB*	5	0	2	2	0	4	9	06/04/91	Abrahamson et al.	—	—	—
	AC*	5	0	8	4	9	0	0	01/28/92	Taylor	—	—	—
	AD*	5	0	9	3	8	4	0	03/03/92	Schilling	—	—	—
	AE*	5	1	0	3	4	5	9	04/07/92	Gilhousen et al.	—	—	—
	AF*	5	1	0	9	3	9	0	04/28/92	Gilhousen et al.	—	—	—
	AG*	5	1	6	6	9	5	1	11/24/92	Schilling	—	—	—
	AH*	5	1	9	3	0	9	4	03/09/93	Viterbi	—	—	—
	AI*	5	2	0	4	8	7	6	04/20/93	Bruckert et al.	—	—	—
	AJ*	5	2	2	8	0	5	4	07/13/93	Rueth et al.	—	—	—
	AK*	5	2	2	8	0	5	6	07/13/93	Schilling	—	—	—
	AL*	5	2	3	7	5	8	6	08/17/93	Bottomley	—	—	—
	AM*	5	2	4	1	6	9	0	08/31/93	Larsson et al.	—	—	—
	AN*	5	2	4	5	6	2	9	09/14/93	Hall	—	—	—
	AO*	5	2	5	3	2	6	8	10/12/93	Omura et al.	—	—	—
	AP*	5	2	5	7	2	8	3	10/26/93	Gilhousen et al.	—	—	—
	AQ*	5	2	6	0	9	6	7	11/09/93	Schilling	—	—	—
	AR*	5	2	6	5	1	1	9	11/23/93	Gilhousen et al.	—	—	—
	AS*	5	2	6	7	2	6	2	11/30/93	Wheatley, III	—	—	—
	AT*	5	2	8	3	5	3	6	02/01/94	Wheatley, III et al.	—	—	—
DA	AU*	5	2	9	5	1	5	2	03/15/94	Gudmundson et al.	—	—	—

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*[Signature]*

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07/19/05

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	<b>APPLICANT</b> Lomp et al.	
	<b>FILING DATE</b> <del>Not Yet Known</del> 10/08/07	<b>GROUP</b> <del>Not Yet Known</del> 2634

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DH	AV*	5	2	9	9	2	2	6	03/29/94	Schilling			
	AW*	5	2	9	9	2	2	8	03/29/94	Hall			
	AX*	5	3	0	9	4	7	4	05/03/94	Gilhausen et al.			
	AY*	5	3	2	7	4	5	5	07/05/94	DeGaudenzi et al.			
	AZ*	5	3	2	7	4	6	7	07/05/94	DeGaudenzi et al.			
	BA*	5	3	4	5	5	9	8	09/06/94	Dent			
	BB*	5	3	4	1	3	9	6	08/23/94	Higgins et al.			
	BC*	5	3	4	7	5	3	6	09/13/94	Meehan			
	BD*	5	3	4	9	6	0	6	09/20/94	Lovell et al.			
	BE*	5	3	7	7	1	8	3	12/27/94	Dent			
	BF*	5	3	9	2	2	8	7	02/21/95	Tiedemann, Jr. et al.			
	BG*	5	3	9	6	5	1	6	03/07/95	Padovani et al.			
	BH*	5	4	0	4	3	7	6	04/04/95	Dent			
	BI*	5	4	1	4	7	2	8	05/09/95	Zehavi			
	BJ*	5	4	1	4	7	2	9	05/09/95	Fenton			
	BK*	5	4	1	6	7	9	7	05/16/95	Gilhausen et al.			
	BL*	5	4	2	0	8	9	6	05/30/95	Schilling			
	BM*	5	4	3	0	7	6	0	07/04/95	Dent			
	BN*	5	4	4	0	5	9	7	08/08/95	Chung et al.			
	BO*	5	4	4	2	6	6	2	08/15/95	Fukasawa et al.			
	BP*	5	4	5	9	7	5	9	10/17/95	Schilling			
DH	BQ*	5	4	8	8	6	2	9	01/30/96	Takahashi et al.			

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	FILING DATE <del>Not Yet Known</del> 10/08/07	GROUP <del>Not Yet Known</del> 2634

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DH	BR*	5	5	1	9	7	3	6	05/21/96	Ishida			
	BS*	5	5	5	9	7	9	0	09/24/96	Yano et al.			
	BT*	5	6	5	7	3	4	3	08/12/97	Schilling			
DH	BU*	5	8	7	8	3	2	9	03/02/99	Mallinckrodt			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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DH	BV*	W	O	93	07	7	0	2	04/15/93	PCT				
DH	BW*	W	O	95	03	6	5	2	02/02/95	PCT				
DH	BX*	W	O	95	07	5	7	8	03/16/95	PCT				
DH	BY*	W	O	97	02	6	6	5	01/23/97	PCT				
DH	BZ*	E	P	04	64	83	9A	2	01/08/92	Europe				
DH	CA*	E	P	05	26	10	6A	2	02/03/93	Europe				
DH	CB*	E	P	06	54	91	3A	2	05/24/95	Europe				
DH	CC*	E	P	06	56	71	6A	1	06/07/95	Europe				
DH	CD*	E	P	06	68	66	2A	1	08/23/95	Europe				
DH	CE*	D	E	37	43	73	1A	1	07/13/89	Germany				X
DH	CF*	D	E	37	43	73	2A	1	07/13/89	Germany				X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DH	CG*		Raymond W. Nettleton, "Spectral Efficiency in Cellular Land-Mobile Communications: A Spread-Spectrum Approach," UMI Dissertation Information Service, (1978) 204 pp.
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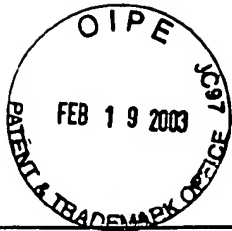
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CH*	Hossein Al Avi, "Power Control and Interference Management in a Spread-Spectrum Cellular Mobile Radio System," UMI Dissertation Information Service, (1984) 129 pp.
CI*	"Code Division Multiple Access (CDMA)", Franz Josef Hagmanns, Volker Hespelt, 8273 ANT Nachrichtentechnische Berichte (1993) August, No. 10, Backnang, DE, pp. 64-71
CJ*	"CDMA and ATM-zwei Technologien, ein Ziel, 2323 Telcom Report (Siemens) 18(1995) Maerz/April, No. 2 Munchen, DE, pp. 60-63
CK*	Zhao Liu et al., "SIR-Based Call Admission Control for DS-CDMA Cellular Systems", IEEE Journal on Selected Areas in Communications, US, IEEE Inc. New York, vol. 12, no. 4, 1 May 1994, pages 638-644

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Sheet 1 of 1

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0096.3US	SERIAL NO. 10/084,007
	APPLICANT Lomp et al.	
	FILING DATE February 27, 2002	GROUP 2634

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	CL	5	3	9	6	5	3	9	03/1995	Slekys et al.			
DA	CM	5	4	2	0	8	6	4	05/1995	Dahlin et al.			

## FOREIGN PATENT DOCUMENTS

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DA	CN	0	4	6	2	5	7	2A	12/1991	Europe				
DA	CO	9	2	2	1	1	9	6	11/1992	PCT				
DA	CP	0	6	3	1	3	9	7A	12/1994	Europe				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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10/084,007U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEAPPLICANT  
Lomp et al.INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTFILING DATE  
February 27, 2002GROUP  
2634

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DH	CQ	4	3	2	0	5	1	3	03/1982	Lampert			
	CR	5	1	6	6	9	5	2	11/1992	Omurg et al.			
	CS	5	3	6	1	2	7	6	11/1994	Subramanian			
	CT	5	3	6	5	5	8	5	11/1994	Puhl et al.			
	CU	5	6	5	4	9	8	0	08/1997	Latva-aho et al.			
	CV	5	8	7	2	8	1	0	02/1999	Phillips et al.			
	CW	5	8	7	5	4	0	0	02/1999	Madhavapeddy et al.			
DH	CX	5	8	8	1	3	6	8	3/1999	Grob et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
DH	CY	9	3	1	4	5	8	8	07/1993	WO				
DH	CZ	9	4	2	8	6	4	0	12/1994	WO				
DH	DA	2	2	8	0	5	7	5	02/1995	GB				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DH	DB	Pahlavan et al.; "Performance of adaptive matched filter receivers over fading multipath channels;" IEEE; vol. 38, no. 12; pgs. 2106-2113; December 1990.
DH	DC	Giannetti et al.; "Design of an all-digital receiver for narrowband continuous-phase asynchronous CDMA systems;" IEEE; vol. 3; pgs. 468-472; May 1993.
DH	DD	Braun et al.; "An All-digital receiver for satellite audio broadcasting signals using trellis coded quasi-orthogonal code-division multiplexing;" AEI; vol. 4, no. 1; pgs. 23-32; 1993.
DH	DE	Rick et al.; "Noncoherent parallel acquisition in CDMA spread spectrum systems;" IEEE; paragraph 1; May 1994.
DH	DF	Bernasconi; "Receiver architectures for the down-link in a DS-CDMA mobile system;" IEEE; pgs. 51-55; September 1994.

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DL	DG	5	3	4	1	3	9	7	08/1994	Gudmundson			
	DH	5	6	2	7	8	5	5	05/1997	Davidovici			
	DI	5	6	3	8	3	6	2	06/1997	Dohi et al.			
	DJ	5	7	8	1	5	8	4	07/1998	Zhou et al.			
	DK	5	7	9	6	7	7	6	08/1998	Lomp et al.			
	DL	6	0	1	8	5	2	8	01/2000	Gitlin et al.			
DL	DM	6	5	1	9	4	6	1	02/2003	Andersson et al.			

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## FOREIGN PATENT DOCUMENTS

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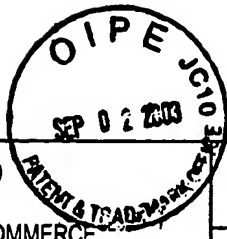

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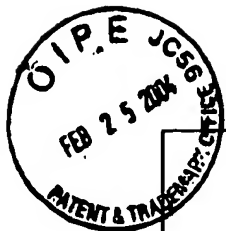


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U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DA	DN	5	0	5	6	1	0	9	10/1991	Gilhousen et al.				
	DO	5	2	1	6	6	9	2	06/1993	Ling				
	DP	5	3	2	1	7	2	1	06/1994	Yamaura et al.				
	DQ	5	4	4	6	7	5	6	08/1995	Mallinckrodt				
	DR	5	5	2	8	6	2	4	06/1996	Kaku et al.				
	DS	5	8	7	0	3	7	8	02/1999	Huang et al.				
	DT	5	8	8	1	0	5	6	03/1999	Huang et al.				
	DU	6	1	4	1	3	7	4	10/2000	Burns				
DA	DV	6	5	4	9	5	6	5	04/2003	Buehrer et al.				
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
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EXAMINER <i>[Signature]</i>										DATE CONSIDERED 07/19/05				

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DH	DZ	4	4	0	3	3	2	2	09/1983	Kato et al.			
	EA	5	3	5	3	3	5	2	10/1994	Dent et al.			
	EB	5	3	6	5	5	4	4	11/1994	Schilling			
	EC	5	4	2	0	8	5	0	05/1995	Umeda et al.			
	ED	5	4	8	5	4	8	6	01/1996	Gilhousen et al.			
	EE	5	5	0	6	8	6	4	04/1996	Schilling			
	EF	5	5	5	9	7	9	0	09/1996	Yano et al.			
	EG	5	6	1	9	5	2	6	04/1997	Kim et al.			
	EH	5	6	4	4	5	9	0	07/1997	Sugita			
	EI	5	6	7	5	5	8	1	10/1997	Soliman			
	EJ	5	6	9	1	9	7	4	11/1997	Zehavi et al.			
	EK	6	0	4	9	5	3	5	04/2000	Ozuturk et al.			
	EL	6	2	9	2	5	1	9	09/2001	Popovic			
DH	EM	6	5	8	7	4	4	7	07/2003	Wang et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
DH	EN	H	5	8	3	3	8	1	04/1993	JP			X*	
DH	EO	H	6	6	3	7	4		01/1994	JP			X*	
DH	EP	H6	1	0	4	8	2	9	01/1986	JP			X*	
DM	EQ	H	7	5	8	6	6	5	03/1995	JP			X*	
DM	ER	S6	31	9	8	4	2	3	08/1988	JP			X*	

EXAMINER <i>Dan Lulla</i>	DATE CONSIDERED <i>07/19/05</i>
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\* English Translation of Abstract Only

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DA	ES	5,568,483	10/1996	Padovani et al.			
	ET	5,652,765	07/1997	Adachi et al.			
	EU	5,812,593	09/1998	Kaku			
	EV	5,828,662	10/1998	Jalali et al.			
DA	EW	6,104,748	08/2000	Kaku			

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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DH	EX	5,574,754	11/1996	Kurihara et al.			
	EY	5,673,286	09/1997	Lomp			
	EZ	5,966,403	10/1999	Pon			
	FA	6,272,168	08/2001	Lomp et al.			
	FB	6,381,264	04/2002	Lomp et al.			
	FC	6,434,124	08/2002	Rege			
	FD	6,654,613	11/2003	Maeng et al.			
DH	FE	6,721,301	04/2004	Ozluturk et al.			

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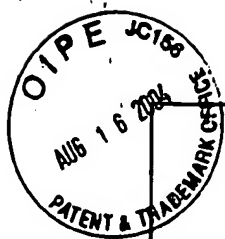
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	FF	5,619,526	04/1997	Kim et al.			
	FG	5,627,835	05/1997	Witter			
	FH	5,710,768	01/1998	Ziv et al.			
DA	FI	5,790,591	08/1998	Gold et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							

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<b>EXAMINER</b> 	<b>DATE CONSIDERED</b> 07/19/05
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FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0096.3US	SERIAL NO. 10/084,007
	APPLICANT Lomp et al.	
	FILING DATE February 27, 2002	GROUP 2634

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DT	FJ	5,107,225	04/1992	Wheatley et al.			
	FK	5,253,347	10/1993	Bagnoli et al.			
	FL	5,276,907	04/1994	Meidan			
	FM	5,299,226	03/1994	Schilling			
	FN	5,329,547	07/1994	Ling et al.			
	FO	5,410,568	04/1995	Schilling			
	FP	5,574,983	11/1996	Duozone et al.			
	FQ	5,604,730	02/1997	Tiedemann, Jr			
	FR	5,748,687	05/1998	Ozluturk et al.			
	FS	5,771,451	06/1998	Takai et al.			
	FT	5,878,350	03/1999	Nakamura et al.			
	FU	5,884,187	03/1999	Ziv et al.			
	FV	5,884,196	03/1999	Lekven et al.			
DT	FW	6,212,174	04/2001	Lomp et al.			

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
DT	FX	0505341A	09/1992	Europe				
	FY	0637179A	02/1995	Europe				
	FZ	9013942	1990	WO				
DT	GA	9512257	05/1995	WO				

EXAMINER <i>D. L. L.</i>	DATE CONSIDERED 07/19/05
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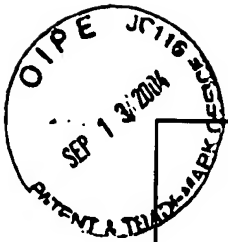
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	FK	5,253,347	10/1993	Bagnoli et al.			
	FL	5,276,907	04/1994	Meidan			
	FM	5,299,226	03/1994	Schilling			
	FN	5,329,547	07/1994	Ling et al.			
	FO	5,410,568	04/1995	Schilling			
	FP	5,574,983	11/1996	Duozono et al.			
	FQ	5,604,730	02/1997	Tiedemann, Jr			
	FR	5,748,687	05/1998	Ozluturk et al.			
	FS	5,771,451	06/1998	Takai et al.			
	FT	5,878,350	03/1999	Nakamura et al.			
	FU	5,884,187	03/1999	Ziv et al.			
	FV	5,884,196	03/1999	Lekven et al.			
DH	FW	6,212,174	04/2001	Lomp et al.			

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## FOREIGN PATENT DOCUMENTS

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							YES	NO
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	FY	0637179A	02/1995	Europe				
	FZ	9013942	1990	WO				
DH	GA	9512257	05/1995	WO				


EXAMINER <i>[Signature]</i>	DATE CONSIDERED 07/19/05
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	FILING DATE February 27, 2002	GROUP 2634

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PH	*	3,700,820	10/1972	Blasbalg et al.	—	—	—
	*	3,761,610	09/1973	Krallinger et al.	—	—	—
	*	4,069,392	01/1978	Goldenberg et al.	—	—	—
	*	4,156,277	05/1979	Seitz et al.	—	—	—
	*	4,292,623	09/1981	Eswaran et al.	—	—	—
		4,320,513	03/1992	Lampert	—	—	—
	*	4,384,307	05/1983	Kuzmik et al.	—	—	—
	*	4,385,206	05/1983	Bradshaw et al.	—	—	—
		4,403,322	09/1983	Kato et al.	—	—	—
	*	4,425,665	01/1984	Stauffer	—	—	—
	*	4,458,314	07/1984	Grimes	—	—	—
	*	4,480,307	10/1984	Budde et al.	—	—	—
	*	4,570,220	02/1986	Tetrick et al.	—	—	—
	*	4,583,124	04/1986	Tsuji et al.	—	—	—
	*	4,608,700	08/1986	Kirtley, Jr. et al.	—	—	—
	*	4,630,126	12/1986	Kaku et al.	—	—	—
	*	4,646,232	02/1987	Chang et al.	—	—	—
	*	4,667,192	05/1987	Schmid et al.	—	—	—
	*	4,675,865	06/1987	DeVries et al.	—	—	—
	*	4,709,343	11/1987	Van Chang	—	—	—
	*	4,744,079	05/1988	Csapo et al.	—	—	—
	*	4,768,145	08/1988	Wheelwright et al.	—	—	—
	*	4,811,262	03/1989	White	—	—	—
	*	4,811,421	03/1989	Havel et al.	—	—	—
	*	4,862,402	08/1989	Shah et al.	—	—	—
PH		4,901,307	02/1990	Gilhausen et al.	—	—	—

EXAMINER <i>DeLille</i>	DATE CONSIDERED 07/19/05
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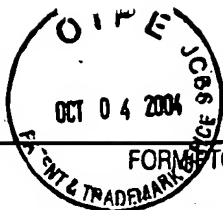
PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0096.3US	SERIAL NO. 10/084,007
	APPLICANT Lomp et al.	
	FILING DATE February 27, 2002	GROUP 2634

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DL	*	4,914,574	04/1990	Terada et al.	—	—	—
		5,022,049	06/1991	Abrahamson et al.	—	—	—
	*	5,050,004	09/1991	Morton, Jr.	—	—	—
		5,056,109	10/1991	Gilhausen et al.	—	—	—
		5,084,900	01/1992	Taylor	—	—	—
		5,093,840	03/1992	Schilling	—	—	—
		5,103,459	04/1992	Gilhausen et al.	—	—	—
	*	5,105,423	04/1992	Tanaka et al.	—	—	—
		5,109,390	04/1992	Gilhausen et al.	—	—	—
		5,107,225	04/1992	Wheatley et al.	—	—	—
	*	5,113,525	05/1992	Andoh	—	—	—
	*	5,115,429	05/1992	Huckyj et al.	—	—	—
	*	5,117,385	05/1992	Gee	—	—	—
	*	5,140,613	08/1992	Birgenheier et al.	—	—	—
	*	5,159,283	10/1992	Jensen	—	—	—
	*	5,159,551	10/1992	Brunnett et al.	—	—	—
		5,166,951	11/1992	Schilling	—	—	—
		5,166,952	11/1992	Omurg et al.	—	—	—
		5,193,094	03/1993	Viterbi	—	—	—
	*	5,199,061	03/1993	Kim	—	—	—
		5,204,876	04/1993	Bruckert et al.	—	—	—
		5,216,692	06/1993	Ling	—	—	—
	*	5,224,120	06/1993	Schilling	—	—	—
		5,228,054	07/1993	Rueth et al.	—	—	—
		5,228,056	07/1993	Schilling	—	—	—
DL	*	5,235,614	08/1993	Bruckert et al.	—	—	—

EXAMINER 	DATE CONSIDERED 07/19/05
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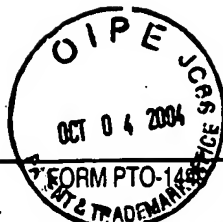
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				APPLICANT Lomp et al.			
				FILING DATE February 27, 2002		GROUP 2634	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA		5,237,586	08/1993	Bottomley	—	—	—
		5,241,690	08/1993	Larsson et al.	—	—	—
		5,245,629	09/1993	Hall	—	—	—
		5,253,268	10/1993	Omura et al.	—	—	—
		5,253,347	10/1993	Bagnoli et al.	—	—	—
		5,257,283	10/1993	Gilhousen et al.	—	—	—
	*	5,258,940	11/1993	Coker et al.	—	—	—
		5,260,967	11/1993	Schilling	—	—	—
	*	5,262,974	11/1993	Hausman et al.	—	—	—
		5,265,119	11/1993	Gilhousen et al.	—	—	—
		5,267,262	11/1993	Wheatley, III	—	—	—
	*	5,274,474	12/1993	Medina	—	—	—
	*	5,276,684	01/1994	Pearson	—	—	—
		5,276,907	04/1994	Meidan	—	—	—
		5,283,536	02/1994	Wheatley, III	—	—	—
	*	5,287,299	02/1994	Lin	—	—	—
	*	5,287,463	02/1994	Frame et al.	—	—	—
		5,295,152	03/1994	Gudmundson et al.	—	—	—
	*	5,297,162	03/1994	Lee et al.	—	—	—
		5,299,226	03/1994	Schilling	—	—	—
		5,299,228	03/1994	Hall	—	—	—
	*	5,305,349	04/1994	Dent	—	—	—
		5,309,474	05/1994	Gilhousen et al.	—	—	—
	*	5,311,459	05/1994	D'Luna et al.	—	—	—
		5,321,721	06/1994	Yamaura et al.	—	—	—
DA		5,327,455	07/1994	DeGaudenzi et al.	—	—	—

EXAMINER <i>DeGaudenzi</i>	DATE CONSIDERED 07/19/05
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DH		5,327,467	07/1994	DeGaudenzi et al.	—	—	—
		5,329,547	07/1994	Ling et al.	—	—	—
	*	5,339,174	08/1994	Harris	—	—	—
		5,341,396	08/1994	Higgins et al	—	—	—
		5,341,397	08/1994	Gudmundson	—	—	—
	*	5,343,335	08/1994	Hara	—	—	—
		5,345,598	09/1994	Dent	—	—	—
		5,347,536	09/1994	Meehan	—	—	—
		5,349,606	09/1994	Lovell et al.	—	—	—
	*	5,351,134	09/1994	Yaguchi et al.	—	—	—
	*	5,353,302	10/1994	Bi	—	—	—
		5,353,352	10/1994	Dent et al.	—	—	—
	*	5,355,453	10/1994	Row et al.	—	—	—
		5,361,276	11/1994	Subrmanian	—	—	—
	*	5,363,377	11/1994	Sharpe	—	—	—
		5,365,544	11/1994	Schilling	—	—	—
		5,365,585	11/1994	Puhl et al.	—	—	—
	*	5,367,533	11/1994	Schilling	—	—	—
	*	5,373,502	12/1994	Turban	—	—	—
		5,377,183	12/1994	Dent	—	—	—
	*	5,379,242	01/1995	Rose et al.	—	—	—
		5,392,287	02/1995	Tiedemann, Jr. et al.	—	—	—
		5,396,516	03/1995	Padovani et al.	—	—	—
		5,396,539	03/1995	Sleyks et al.	—	—	—
	*	5,398,243	03/1995	Aguilhon et al.	—	—	—
DH		5,404,376	04/1995	Dent	—	—	—
EXAMINER <i>D. L. L.</i>				DATE CONSIDERED 07/19/05			

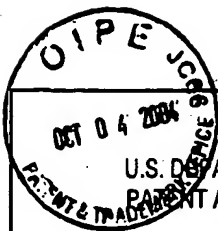
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	*	5,406,559	04/1995	Edem et al.	—	—	—
		5,410,568	04/1995	Schilling	—	—	—
		5,414,728	05/1995	Zehavi	—	—	—
		5,414,729	05/1995	Fenton	—	—	—
	*	5,414,732	05/1995	Kauffman	—	—	—
		5,416,797	05/1995	Gilhausen et al.	—	—	—
	*	5,418,624	05/1995	Ahmed	—	—	—
		5,420,850	05/1995	Umeda et al.	—	—	—
		5,420,864	05/1995	Dahlin et al.	—	—	—
		5,420,896	06/1995	Schilling	—	—	—
	*	5,430,724	07/1995	Fall et al.	—	—	—
		5,430,760	07/1995	Dent	—	—	—
		5,440,597	08/1995	Chung et al.	—	—	—
		5,442,662	08/1995	Fukasawa et al.	—	—	—
	*	5,446,683	08/1995	Mullen et al.	—	—	—
		5,446,756	08/1995	Mallinckrodt	—	—	—
		5,448,600	09/1995	Lucas	—	—	—
		5,459,759	10/1995	Schilling	—	—	—
	*	5,483,549	01/1996	Weinberg et al.	—	—	—
		5,485,486	01/1996	Gilhausen et al.	—	—	—
	*	5,487,089	01/1996	Misaizu et al.	—	—	—
		5,488,629	01/1996	Takahashi et al.	—	—	—
		5,506,864	04/1996	Schilling	—	—	—
	*	5,509,126	04/1996	Oprescu et al.	—	—	—
DA		5,519,736	05/1996	Ishida	—	—	—

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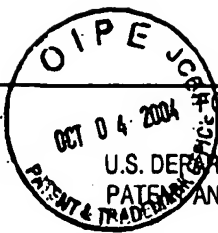
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## U.S. PATENT DOCUMENTS

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PH	*	5,528,593	06/1996	English et al.	—	—	—
		5,528,624	06/1996	Kaku et al.	—	—	—
	*	5,544,156	08/1996	Teder et al.	—	—	—
	*	5,548,613	08/1996	Kaku et al.	—	—	—
	*	5,550,811	08/1996	Kaku et al.	—	—	—
		5,559,790	09/1996	Yano et al.	—	—	—
	*	5,561,669	10/1996	Lenny et al.	—	—	—
	*	5,563,912	10/1996	Yasunga	—	—	—
		5,568,483	10/1996	Padovani et al.	—	—	—
		5,574,754	11/1996	Kurihara et al.	—	—	—
		5,574,983	11/1996	Duozono et al.	—	—	—
	*	5,594,718	01/1997	Weaver, Jr. et al.	—	—	—
	*	5,596,570	01/1997	Soliman	—	—	—
		5,604,730	02/1997	Tiedemann, Jr.	—	—	—
	*	5,619,524	04/1997	Ling et al.	—	—	—
		5,619,526	04/1997	Kim et al.	—	—	—
		5,627,835	05/1997	Witter	—	—	—
		5,627,855	05/1997	Davidovici	—	—	—
		5,638,362	06/1997	Dohi et al.	—	—	—
		5,644,590	07/1997	Sugita	—	—	—
		5,652,765	07/1997	Adachi et al.	—	—	—
		5,654,980	08/1997	Latva-aho et al.	—	—	—
		5,657,343	08/1997	Schilling	—	—	—
		5,673,286	09/1997	Lomp	—	—	—
		5,675,581	10/1997	Soliman	—	—	—
		5,691,974	11/1997	Zehavi et al.	—	—	—
PH		5,692,008	11/1997	Van Nee	—	—	—

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 07/19/02
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	.	5,712,869	01/1998	Lee et al.	—	—	—
	.	5,722,051	02/1998	Agrawal et al.	—	—	—
	.	5,745,484	04/1998	Scott	—	—	—
		5,748,687	05/1998	Ozluturk	—	—	—
		5,771,451	06/1998	Takai et al.	—	—	—
		5,781,584	07/1998	Zhou et al.	—	—	—
		5,790,591	09/1998	Gold et al.	—	—	—
		5,796,776	08/1998	Lomp et al.	—	—	—
		5,812,593	09/1998	Kaku	—	—	—
		5,828,662	10/1998	Jalali et al.	—	—	—
	.	5,841,768	11/1998	Ozluturk et al.	—	—	—
		5,870,378	02/1999	Huang et al.	—	—	—
		5,872,810	02/1999	Phillips et al.	—	—	—
		5,875,400	02/1999	Madhavapeddy et al.	—	—	—
		5,878,329	03/1999	Mallinckrodt	—	—	—
		5,878,350	03/1999	Nakamura et al.	—	—	—
		5,881,056	03/1999	Huang et al.	—	—	—
		5,881,368	03/1999	Grob et al.	—	—	—
		5,884,187	03/1999	Ziv et al.	—	—	—
		5,884,196	03/1999	Lekven et al.	—	—	—
	.	5,898,665	04/1999	Sawahashi et al.	—	—	—
	.	5,940,382	08/1999	Haim	—	—	—
	.	5,953,346	09/1999	Luddy	—	—	—
		5,966,403	10/1999	Pon	—	—	—
	.	5,991,332	11/1999	Lomp et al.	—	—	—
DT		6,018,528	01/2000	Gitlin et al.	—	—	—
EXAMINER 				DATE CONSIDERED 07/19/05			

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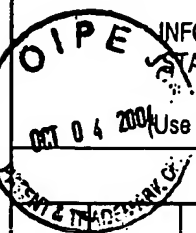


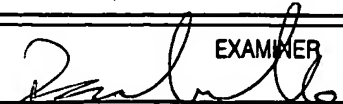
Sheet 8 of 11

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)				ATTY. DOCKET NO. I-2-0096.3US		SERIAL NO. 10/084,007	
				APPLICANT Lomp et al.			
				FILING DATE February 27, 2002		GROUP 2634	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DH	*	6,072,787	06/2000	Hamalainen et al.	—	—	—
	*	6,088,335	07/2000	I et al.	—	—	—
		6,049,535	04/2000	Ozluturk et al.	—	—	—
		6,104,748	08/2000	Kaku	—	—	—
	*	6,122,292	09/2000	Watanabe et al.	—	—	—
		6,141,374	10/2000	Burns	—	—	—
		6,212,174	04/2001	Lomp et al.	—	—	—
	*	6,229,843	05/2001	Lomp et al.	—	—	—
		6,272,168	08/2001	Lomp et al.	—	—	—
		6,292,519	09/2001	Popovic	—	—	—
		6,381,264	04/2002	Lomp et al.	—	—	—
		6,434,124	08/2002	Rege	—	—	—
	*	6,463,295	10/2002	Yun	—	—	—
		6,519,461	02/2003	Andersson et al.	—	—	—
		6,549,565	04/2003	Buehrer et al.	—	—	—
		6,587,447	07/2003	Wang et al.	—	—	—
		6,654,613	11/2003	Maeng et al.	—	—	—
	*	6,708,041	03/2004	Butovitsch et al.	—	—	—
		6,721,301	04/2004	Ozluturk et al.	—	—	—
	*	6,760,321	07/2004	Shamsunder	—	—	—
	*	6,763,244	07/2004	Chen et al.	—	—	—
	*	6,778,551	08/2004	Magnus et al.	—	—	—
DH		2003/0193914	10/2003	Lomp et al.	—	—	—


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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				APPLICANT Lomp et al.				
				FILING DATE February 27, 2002		GROUP 2634		
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				FOREIGN PATENT DOCUMENTS				
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
DA	*	0022170	01/1981	EP				
DA	*	0372350	06/1990	EP				
DA		0462572	12/1991	EP				
DA		0464839	01/1992	EP				
DA	*	0476215	03/1992	EP				
DA		0505341	09/1992	EP				
DA	*	0525860	02/1993	EP				
DA		0526106	02/1993	EP				
DA	*	0565507	10/1993	EP				
DA		0631397	12/1994	EP				
DA		0637179	02/1995	EP				
DA		0654913	05/1995	EP				
DA		0656716	06/1995	EP				
DA		0668662	08/1995	EP				
DA	*	0744876	11/1996	EP				
DA		3743731	07/1989	DE				
DA		3743732	07/1989	DE				
DA		2280575	02/1995	GB				
DA	*	2301746	12/1996	GB				
DA	*	62256516	11/1987	JP				
DA		S631958423	08/1998	JP				
DA	*	02256331	10/1990	JP				
DA	*	H2287874	11/1990	JP				
DA	*	H4222111	08/1992	JP				
DA	*	H4287593	10/1992	JP				

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				APPLICANT Lomp et al.				
				FILING DATE February 27, 2002		GROUP 2634		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
DA	*	H5144128	06/1993	JP	—	—	—	—
DA		H583381	04/1993	JP	—	—	—	—
DA		H66374	01/1994	JP	—	—	—	—
DA	*	H6104694	04/1994	JP	—	—	—	—
DA		H758665	03/1995	JP	—	—	—	—
DA	*	H7273600	10/1995	JP	—	—	—	—
DA		H6104829	01/1996	JP	—	—	—	—
DA		9013942	1990	WO	—	—	—	—
DA	*	9200639	01/1992	WO	—	—	—	—
		9221196	11/1992	WO	—	—	—	—
		9307702	04/1993	WO	—	—	—	—
		9314588	07/1993	WO	—	—	—	—
		9428640	12/1994	WO	—	—	—	—
		9503652	02/1995	WO	—	—	—	—
		9507578	03/1995	WO	—	—	—	—
DA		9512257	05/1995	WO	—	—	—	—
DA		9702665	01/1997	WO	—	—	—	—
DA		9707600	02/1997	WO	—	—	—	—
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
DA	*	Patent Abstracts of Japan, vol. 015, No. 003 (E-1019), January 7, 1991 & JP 02 256331 A (Sharp Corp.), October 17, 1990, see abstract.						
DA		Raymond W. Nettleton, "Spectral Efficiency in Cellular Land-Mobile Communications: A Spread Spectrum Approach," UMI Dissertation Information Service, (1978), 204 pgs.						

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)				APPLICANT Lomp et al.			
				FILING DATE February 27, 2002		GROUP 2634	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DA	3,700,820	10/1972	Blasbalg et al.				
	3,761,610	09/1973	Krallinger et al.				
	4,069,392	01/1978	Goldenberg et al.				
	4,156,277	05/1979	Seitz et al.				
	4,292,623	09/1981	Eswaran et al.				
	4,320,513	03/1992	Lampert				
	4,384,307	05/1983	Kuzmik et al.				
	4,385,206	05/1983	Bradshaw et al.				
	4,403,322	09/1983	Kato et al.				
	4,425,665	01/1984	Stauffer				
	4,458,314	07/1984	Grimes				
	4,480,307	10/1984	Budde et al.				
	4,570,220	02/1986	Tetrick et al.				
	4,583,124	04/1986	Tsuji et al.				
	4,608,700	08/1986	Kirtley, Jr. et al.				
	4,630,126	12/1986	Kaku et al.				
	4,646,232	02/1987	Chang et al.				
	4,667,192	05/1987	Schmid et al.				
	4,675,865	06/1987	DeVries et al.				
	4,709,343	11/1987	Van Chang				
	4,744,079	05/1988	Csapo et al.				
	4,768,145	08/1988	Wheelwright et al.				
	4,802,189	01/1989	Wedler				
	4,811,262	03/1989	White				
	4,811,421	03/1989	Havel et al.				
	4,862,402	08/1989	Shah et al.				
DA	4,901,307	02/1990	Gilhausen et al.				
EXAMINER <i>[Signature]</i>				DATE CONSIDERED 07/19/05			

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				<b>FILING DATE</b> February 27, 2002		<b>GROUP</b> 2634	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DH	4,914,574	04/1990	Terada et al.	—	—	—	
	5,022,049	06/1991	Abrahamson et al.	—	—	—	
	5,050,004	09/1991	Morton, Jr.	—	—	—	
	5,056,109	10/1991	Gilhousen et al.	—	—	—	
	5,084,900	01/1992	Taylor	—	—	—	
	5,093,840	03/1992	Schilling	—	—	—	
	5,103,459	04/1992	Gilhousen et al.	—	—	—	
	5,105,423	04/1992	Tanaka et al.	—	—	—	
	5,109,390	04/1992	Gilhousen et al.	—	—	—	
	5,107,225	04/1992	Wheatley et al.	—	—	—	
	5,113,525	05/1992	Andoh	—	—	—	
	5,115,429	05/1992	Huckyj et al.	—	—	—	
	5,117,385	05/1992	Gee	—	—	—	
	5,140,613	08/1992	Birgenheier et al.	—	—	—	
	5,159,283	10/1992	Jensen	—	—	—	
	5,159,551	10/1992	Brunnett et al.	—	—	—	
	5,166,951	11/1992	Schilling	—	—	—	
	5,166,952	11/1992	Omurg et al.	—	—	—	
	5,193,094	03/1993	Viterbi	—	—	—	
	5,199,061	03/1993	Kim	—	—	—	
	5,204,876	04/1993	Bruckert et al.	—	—	—	
	5,216,692	06/1993	Ling	—	—	—	
	5,224,120	06/1993	Schilling	—	—	—	
	5,228,054	07/1993	Rueth et al.	—	—	—	
	5,228,056	07/1993	Schilling	—	—	—	
DH	5,235,614	08/1993	Bruckert et al.	—	—	—	

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<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DH	5,237,586	08/1993	Bottomley	—	—	—	
	5,241,690	08/1993	Larsson et al.	—	—	—	
	5,245,629	09/1993	Hall	—	—	—	
	5,253,268	10/1993	Omura et al.	—	—	—	
	5,253,347	10/1993	Bagnoli et al.	—	—	—	
	5,257,283	10/1993	Gilhousen et al.	—	—	—	
	5,258,940	11/1993	Coker et al.	—	—	—	
	5,260,967	11/1993	Schilling	—	—	—	
	5,262,974	11/1993	Hausman et al.	—	—	—	
	5,265,119	11/1993	Gilhousen et al.	—	—	—	
	5,267,262	11/1993	Wheatley, III	—	—	—	
	5,274,474	12/1993	Medina	—	—	—	
	5,276,684	01/1994	Pearson	—	—	—	
	5,276,907	04/1994	Meidan	—	—	—	
	5,283,536	02/1994	Wheatley, III	—	—	—	
	5,287,299	02/1994	Lin	—	—	—	
	5,287,463	02/1994	Frame et al.	—	—	—	
	5,295,152	03/1994	Gudmundson et al.	—	—	—	
	5,297,162	03/1994	Lee et al.	—	—	—	
	5,299,226	03/1994	Schilling	—	—	—	
	5,299,228	03/1994	Hall	—	—	—	
	5,305,349	04/1994	Dent	—	—	—	
	5,309,474	05/1994	Gilhousen et al.	—	—	—	
	5,311,459	05/1994	D'Luna et al.	—	—	—	
	5,321,721	06/1994	Yamaura et al.	—	—	—	
DH	5,327,455	07/1994	DeGaudenzi et al.	—	—	—	

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA		5,327,467	07/1994	DeGaudenzi et al.	—	—	—
		5,329,547	07/1994	Ling et al.	—	—	—
		5,339,174	08/1994	Harris	—	—	—
		5,341,396	08/1994	Higgins et al.	—	—	—
		5,341,397	08/1994	Gudmundson	—	—	—
		5,343,335	08/1994	Hara	—	—	—
		5,345,598	09/1994	Dent	—	—	—
		5,347,536	09/1994	Meehan	—	—	—
		5,349,606	09/1994	Lovell et al.	—	—	—
		5,351,134	09/1994	Yaguchi et al.	—	—	—
		5,353,302	10/1994	Bi	—	—	—
		5,353,352	10/1994	Dent et al.	—	—	—
		5,355,453	10/1994	Row et al.	—	—	—
		5,361,276	11/1994	Subrmanian	—	—	—
		5,363,377	11/1994	Sharpe	—	—	—
		5,365,544	11/1994	Schilling	—	—	—
		5,365,585	11/1994	Puhl et al.	—	—	—
		5,367,533	11/1994	Schilling	—	—	—
		5,373,502	12/1994	Turban	—	—	—
		5,377,183	12/1994	Dent	—	—	—
		5,379,242	01/1995	Rose et al.	—	—	—
		5,392,287	02/1995	Tiedemann, Jr. et al.	—	—	—
		5,396,516	03/1995	Padovani et al.	—	—	—
		5,396,539	03/1995	Sleyks et al.	—	—	—
		5,398,243	03/1995	Aguilhon et al.	—	—	—
DA		5,404,376	04/1995	Dent	—	—	—


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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DH	5,406,559	04/1995	Edem et al.	—	—	—	
	5,410,568	04/1995	Schilling	—	—	—	
	5,414,728	05/1995	Zehavi	—	—	—	
	5,414,729	05/1995	Fenton	—	—	—	
	5,414,732	05/1995	Kauffman	—	—	—	
	5,416,797	05/1995	Gilhousen et al.	—	—	—	
	5,418,624	05/1995	Ahmed	—	—	—	
	5,420,850	05/1995	Umeda et al.	—	—	—	
	5,420,864	05/1995	Dahlin et al.	—	—	—	
	5,420,896	06/1995	Schilling	—	—	—	
	5,430,724	07/1995	Fall et al.	—	—	—	
	5,430,760	07/1995	Dent	—	—	—	
	5,440,597	08/1995	Chung et al.	—	—	—	
	5,442,662	08/1995	Fukasawa et al.	—	—	—	
	5,442,625	08/1995	Gitlin et al.	—	—	—	
	5,446,683	08/1995	Mullen et al.	—	—	—	
	5,446,756	08/1995	Mallinckrodt	—	—	—	
	5,448,600	09/1995	Lucas	—	—	—	
	5,459,759	10/1995	Schilling	—	—	—	
	5,483,549	01/1996	Weinberg et al.	—	—	—	
	5,485,486	01/1996	Gilhousen et al.	—	—	—	
	5,487,089	01/1996	Misaizu et al.	—	—	—	
	5,488,629	01/1996	Takahashi et al.	—	—	—	
	5,506,864	04/1996	Schilling	—	—	—	
	5,509,126	04/1996	Oprescu et al.	—	—	—	
DH	5,519,736	05/1996	Ishida	—	—	—	

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DH	5,528,593	06/1996	English et al.	—	—	—	
	5,528,624	06/1996	Kaku et al.	—	—	—	
	5,544,156	08/1996	Teder et al.	—	—	—	
	5,548,613	08/1996	Kaku et al.	—	—	—	
	5,550,811	08/1996	Kaku et al.	—	—	—	
	5,559,790	09/1996	Yano et al.	—	—	—	
	5,561,669	10/1996	Lenny et al.	—	—	—	
	5,563,912	10/1996	Yasunga	—	—	—	
	5,568,483	10/1996	Padovani et al.	—	—	—	
	5,574,754	11/1996	Kurihara et al.	—	—	—	
	5,574,983	11/1996	Duozone et al.	—	—	—	
	5,594,718	01/1997	Weaver, Jr. et al.	—	—	—	
	5,596,570	01/1997	Soliman	—	—	—	
	5,604,730	02/1997	Tiedemann, Jr.	—	—	—	
	5,619,524	04/1997	Ling et al.	—	—	—	
	5,619,526	04/1997	Kim et al.	—	—	—	
	5,627,835	05/1997	Witter	—	—	—	
	5,627,855	05/1997	Davidovici	—	—	—	
	5,638,362	06/1997	Dohi et al.	—	—	—	
	5,644,590	07/1997	Sugita	—	—	—	
	5,652,765	07/1997	Adachi et al.	—	—	—	
	5,654,980	08/1997	Latva-aho et al.	—	—	—	
	5,657,343	08/1997	Schilling	—	—	—	
	5,673,286	09/1997	Lomp	—	—	—	
	5,675,581	10/1997	Soliman	—	—	—	
	5,691,974	11/1997	Zehavi et al.	—	—	—	
DH	5,692,008	11/1997	Van Nee	—	—	—	
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				APPLICANT Lomp et al.			
				FILING DATE February 27, 2002		GROUP 2634	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DL	5,710,768	03/1999	Ziv et al.	—	—	—	
	5,712,869	01/1998	Lee et al.	—	—	—	
	5,722,051	02/1998	Agrawal et al.	—	—	—	
	5,745,484	04/1998	Scott	—	—	—	
	5,748,687	05/1998	Ozluturk	—	—	—	
	5,771,451	06/1998	Takai et al.	—	—	—	
	5,781,584	07/1998	Zhou et al.	—	—	—	
	5,790,591	09/1998	Gold et al.	—	—	—	
	5,796,776	08/1998	Lomp et al.	—	—	—	
	5,812,593	09/1998	Kaku	—	—	—	
	5,828,662	10/1998	Jalali et al.	—	—	—	
	5,841,768	11/1998	Ozluturk et al.	—	—	—	
	5,870,378	02/1999	Huang et al.	—	—	—	
	5,872,810	02/1999	Phillips et al.	—	—	—	
	5,875,400	02/1999	Madhavapeddy et al.	—	—	—	
	5,878,329	03/1999	Mallinckrodt	—	—	—	
	5,878,350	03/1999	Nakamura et al.	—	—	—	
	5,881,056	03/1999	Huang et al.	—	—	—	
	5,881,368	03/1999	Grob et al.	—	—	—	
	5,884,187	03/1999	Ziv et al.	—	—	—	
	5,884,196	03/1999	Lekven et al.	—	—	—	
	5,898,665	04/1999	Sawahashi et al.	—	—	—	
	5,940,382	08/1999	Haim	—	—	—	
	5,953,346	09/1999	Luddy	—	—	—	
	5,966,403	10/1999	Pon	—	—	—	
	5,991,332	11/1999	Lomp et al.	—	—	—	
DL	6,018,528	01/2000	Gitlin et al.	—	—	—	

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				<b>APPLICANT</b> Lomp et al.			
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<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DHL	6,072,787	06/2000	Hamalainen et al.	—	—	—	
	6,088,335	07/2000	I et al.	—	—	—	
	6,049,535	04/2000	Ozluturk et al.	—	—	—	
	6,104,748	08/2000	Kaku	—	—	—	
	6,122,292	09/2000	Watanabe et al.	—	—	—	
	6,141,374	10/2000	Burns	—	—	—	
	6,212,174	04/2001	Lomp et al.	—	—	—	
	6,229,843	05/2001	Lomp et al.	—	—	—	
	6,272,168	08/2001	Lomp et al.	—	—	—	
	6,292,519	09/2001	Popovic	—	—	—	
	6,381,264	04/2002	Lomp et al.	—	—	—	
	6,434,124	08/2002	Rege	—	—	—	
	6,463,295	10/2002	Yun	—	—	—	
	6,519,461	02/2003	Andersson et al.	—	—	—	
	6,549,565	04/2003	Buehrer et al.	—	—	—	
	6,587,447	07/2003	Wang et al.	—	—	—	
	6,654,613	11/2003	Maeng et al.	—	—	—	
	6,707,805	03/2004	Ozluturk et al.	—	—	—	
	6,708,041	03/2004	Butovitsch et al.	—	—	—	
	6,721,301	04/2004	Ozluturk et al.	—	—	—	
	6,760,321	07/2004	Shamsunder	—	—	—	
	6,763,244	07/2004	Chen et al.	—	—	—	
	6,778,551	08/2004	Magnus et al.	—	—	—	
DHL	2003/0193914	10/2003	Lomp et al.	—	—	—	

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				<b>FILING DATE</b> February 27, 2002		<b>GROUP</b> 2634	

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>DA</i>		0022170	01/1981	EP	—	—	—	—
		0372350	06/1990	EP	—	—	—	—
		0462572	12/1991	EP	—	—	—	—
		0464839	01/1992	EP	—	—	—	—
		0476215	03/1992	EP	—	—	—	—
		0505341	09/1992	EP	—	—	—	—
		0525860	02/1993	EP	—	—	—	—
		0526106	02/1993	EP	—	—	—	—
		0565507	10/1993	EP	—	—	—	—
		0631397	12/1994	EP	—	—	—	—
		0637179	02/1995	EP	—	—	—	—
		0654913	05/1995	EP	—	—	—	—
		0656716	06/1995	EP	—	—	—	—
		0668662	08/1995	EP	—	—	—	—
		0744876	11/1996	EP	—	—	—	—
		3743731	07/1989	DE	—	—	—	—
		3743732	07/1989	DE	—	—	—	—
		2280575	02/1995	GB	—	—	—	—
		2301746	12/1996	GB	—	—	—	—
		62256516	11/1987	JP	—	—	—	—
		S63198423	08/1998	JP	—	—	—	—
		02256331	10/1990	JP	—	—	—	—
		H2287874	11/1990	JP	—	—	—	—
		H4222111	08/1992	JP	—	—	—	—
<i>DA</i>		H4287593	10/1992	JP	—	—	—	—

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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
PA		H5144128	06/1993	JP				
PA		H583381	04/1993	JP				
PA		H66374	01/1994	JP				
PA		H6104694	04/1994	JP				
PA		H758665	03/1995	JP				
PA		H7273600	10/1995	JP				
PA		H6104829	01/1996	JP				
PA		9013942	1990	WO				
1		9200639	01/1992	WO				
1		9221196	11/1992	WO				
		9307702	04/1993	WO				
		9314588	07/1993	WO				
		9428640	12/1994	WO				
		9503652	02/1995	WO				
		9507578	03/1995	WO				
		9512257	05/1995	WO				
		9702665	01/1997	WO				
PA		9707600	02/1997	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
PA	Patent Abstracts of Japan, vol. 015, No. 003 (E-1019), January 7, 1991 & JP 02 256331 A (Sharp Corp.), October 17, 1990, see abstract.
PA	Raymond W. Nettleton, "Spectral Efficiency in Cellular Land-Mobile Communications: A Spread Spectrum Approach," UMI Dissertation Information Service, (1978), 204 pgs.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
DA		Hossein Al Avi, "Power Control and Interference Management in a Spread-Spectrum Cellular Mobile Radio System," UMI Disseratation Information Services, (1984), 124 pgs.	
DA		Hagmanns et al., "Code Division Multiple Access (CDMA)," 8273 ANT Nachrichtentechnische Berichte (1993) August, No. 10, Backnang, DE, pgs. 64-71.	
2-DA		Zimmerman et al., "CDMA and ATM-zwei Technologies, ein Zeil," 2323 Telcom Report (Siemens) 18 (1995) Maerz/April, No. 2, München, DE pgs. 60-63.	
DA		Liu et al., "SIR-Based Call Admission Control for DS-CDMA Cellular Systems, IEEE Journal on Selected Areas in Communications, US IEEE Inc, New York, vol. 12, no. 14, May 1, 1994, pgs. 638-644.	
2-DA		Pahlavan et al., "Performance of Adaptive Matched Filter Receivers Over Facing Multipath Channels," IEEE, vol. 38, no. 12, pgs. 2106-2113, December 1990.	
2-DA		Giannetti et al., "Design of an All-Digital Receiver for Narrowband Continuous-Phase Asynchronous CDMA Systems," IEEE, vol. 3, May 1993, pgs. 468-472.	
DA		Braun et al., "An All-Digital Receiver for Satellite Audio Broadcasting Signals Using Trellis Coded Quasi-Orthogonal Code-Division Multiplexing," AEI, vol. 4, no. 1, 1993, pgs. 23-32.	
DA		Rick et al., "Noncoherent Parallel Acquisition in CDMA Spread Spectrum Systems," IEEE, Paragraph 1, May 1994.	
DA		Bernasconi, "Receiver Architectures for the Down-Link in a DS-CDMA Mobile System," IEEE, September 1994, pgs. 51-55.	
DA		Esmailzadeh, et al., "Power control in packet switched time division duplex direct sequence spread spectrum communications" Vehicular Technology Conference, 1992 IEEE 42nd, Vol 2, 10-13 May 1992; pp.:989-992	
DA		D'Avella, et al., "Power control in CDMA systems: performance evaluation and system design implications" Universal Personal communications, 1994, Record., 1994 Third Annual international conference on, September 27 - October 1, 1994; pp: 73-77	
DA		Chuang et al., "Uplink power control for TDMA portable radio channes" Vehicular Technology, IEEE Transactions on, Vol. 43, Issue: 1, February 1994; pp. 33-39	

EXAMINER <i>Paul Miller</i>	DATE CONSIDERED 07/19/05
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